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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/599,637	10/04/2006	Won-Seok Yoo	56587.33	2098

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EXAMINER

JONES, MARCUS D

ART UNIT	PAPER NUMBER
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3714

NOTIFICATION DATE	DELIVERY MODE
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10/02/2009

ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

pto-sl@huschblackwell.com

Office Action Summary	Application No. 10/599,637	Applicant(s) YOO, WON-SEOK	
	Examiner MARCUS D. JONES	Art Unit 3714	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 03 June 2009.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-4, 8-17, 19 and 20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-4, 8-17, 19 and 20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Amendment

The amendment filed on 3 June 2009 in response to the previous Non-Final Office Action (3 March 2009) is acknowledged and has been entered.

Claims 1-4, 8-17, 19 and 20 are currently pending.

Claims 5-7, 18, 21, and 22 are cancelled.

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-4, 12-14, 16, 17 and 20 are rejected under 35 U.S.C. 102(b) as being anticipated by Leen et al. (US PGPub 2003/0050115).

In reference to claims 1, 12, and 20, Leen discloses: A system and method for providing a game service to a plurality of users, an online game service system comprising: a user behavior pattern database, the user behavior pattern database storing at least one behavior pattern classification reference for classifying user behavior patterns and game behavior pattern information of the users (pg 7, par 77, *profile information stored in memory*); a channel database, the channel database storing random channels for at least one game and data on game rooms generated at the random channels (pg 5-6, par 62, *"intelligent lobby" and lobby manager*); a game

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server, the game server providing a game service to the users who have entered respective game rooms by the channel server, the game server monitoring respective users' actual playing of the game, analyzing how the respective users have played the game based upon game skill and patterns of the play and determining game behavior patterns of the respective users by using the at least one behavior pattern reference stored in the user behavior pattern database based on the respective users' actual playing of the game, and the game server storing the determined game behavior patterns in the user behavior pattern database (pg 3, par 32, *Server comprises a gaming processor that executes one or more gaming applications*). Leen further disclose that the lobby and gaming processor may reside on the same or different servers. Leen also discloses matching users based on selection criteria in the profile of the user, such as skill level, ranking, weakness/strengths, player strategy (pg 7, par 80) and monitoring game events, including wager information (pg 7, par 73).

In reference to claims 2 and 13, Leen further discloses that each entry of profile information includes a record identifier, user identifier, account information, statistics information, user attributes and characteristics, and selection criteria (pg 7, par 77 and see Figure 5).

In reference to claims 3, 14, 16 and 17, Leen further discloses that the lobby manager creates an "intelligent lobby" in which players of gaming applications are sorted, filtered and presented to other players using profile information, the lobby manager then matches players of gaming applications against each other based on profile information (pg 5-6, par 62).

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In reference to claims 4 and 19, Leen further discloses that the game may be a card game (pg 3, par 34). Leen also discloses that the profile include wager records (pg 5, par 57).

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. The factual inquiries set forth in *Graham v. John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a background for determining obviousness under 35 U.S.C. 103(a) are summarized as follows:

1. Determining the scope and contents of the prior art.
2. Ascertaining the differences between the prior art and the claims at issue.
3. Resolving the level of ordinary skill in the pertinent art.
4. Considering objective evidence present in the application indicating obviousness or nonobviousness.

3. **Claims 8-11 are rejected under 35 U.S.C. 103(a) as being unpatentable over Leen et al. (US PGPub 2003/0050115) and further in view of Cordero et al. (US PGPub 2001/0044339).**

In reference to claim 8, Leen and Cordero disclose the invention substantially as claimed. Cordero further teaches that the matchmaker server may have stored in a database a list of available game servers (pg 5-6, par 48).

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It would have been obvious to a person having ordinary skill in the art at the time of the invention to have modified Leen in view of Cordero to show a list of available games for a user to choose from.

In reference to claim 9, Leen and Cordero disclose the invention substantially as claimed. Cordero further teaches a display device that is capable of displaying the available game servers (pg 3, par 30). Cordero also discloses the matchmaker server and matchmaker component to providing game matchmaking functionality to a player (pg 5, par 47).

In reference to claims 10 and 11, Leen and Cordero disclose the invention substantially as claimed. Leen further discloses real-time event monitoring in which the wager manager can determine the outcome of a wager in real-time and allows a user to formulate a wager based upon intra-game events (pg 7, par 73). Cordero also teaches a channel determination module, the channel determination module determining a random channel that the corresponding user will enter from among the random channels in the channel database based on the users' behavior pattern classification determined by the user behavior pattern determination module (pg 5-6, par 47-51, *matchmaker server*).

4. Claim 15 is rejected under 35 U.S.C. 103(a) as being unpatentable over Leen et al. (US PGPub 2003/0050115).

In reference to claim 15, Leen discloses the invention substantially as claimed except that an empty random channel is selected when no other random channels are provided. However, it would have been obvious to a person having ordinary skill in the

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art at the time of the invention to create a room for players that have not been match to play together.

Response to Arguments

5. Applicant's arguments have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MARCUS D. JONES whose telephone number is (571)270-3773. The examiner can normally be reached on M-F 9-5 EST, Alternate Fridays off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John M. Hotaling can be reached on 571-272-4437. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Marcus D. Jones/
Examiner, Art Unit 3714

/John M Hotaling II/
Primary Examiner, Art Unit 3714